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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/770,707	02/04/2004	Toshihiro Suzuki	248499US8	1311

22850 7590 04/14/2009
OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C.
1940 DUKE STREET
ALEXANDRIA, VA 22314

EXAMINER

SAMUEL, DEWANDA A

ART UNIT	PAPER NUMBER
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2416

NOTIFICATION DATE	DELIVERY MODE
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04/14/2009

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No. 10/770,707	Applicant(s) SUZUKI ET AL.	
	Examiner DEWANDA SAMUEL	Art Unit 2416	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 March 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 and 15-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-18 is/are allowed.
- 6) ☒ Claim(s) 19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This communication is responsive to the communication filed on 03/02/2009.
2. Claims 1-19 are pending and claim 20 was cancelled.

Continued Examination Under 37 CFR 1.114

3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 03/02/2009 has been entered.

Response to Arguments

1. Applicant's arguments with respect to claims 1-19 have been considered but are moot in view of the new ground(s) of rejection.

Applicant alleges : Hancock (GB 2377862) does not teach or suggest that a range of addresses is predetermined and selected from a range of addresses assigned to a destination access node.

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Examiner respectfully disagrees: Hancock discloses having a gateway node 10 advertising predetermined range of addresses 10.1.2.1 to 172.1.2.254 within a Internet message to various mobile nodes in the access network, more particular a anchor node 8 and access router node 5 and 6 interpreted as “destination access nodes” . Each access router 5 and 6 are given the addresses 172.17.1 and 172.17.1.2, see page 3 line 23-26 and page 4 line 1-24).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claim 19** is rejected under 35 U.S.C. 103(a) as being unpatentable over O'Neil et al. (PG PUB 200310224758) and in view of Leung (US Patent 6,636,498) and Hancock (GB 2377862).

With regard to claim 19, an access node in a mobile communication network for transferring a packet to a destination mobile terminal connected to a mobile node via a radio link, the mobile node being connected to a destination access node via a radio link node comprising ,**(O'Neil discloses having a access node 12 ("access node") fig. 1 in a mobile communication network,**

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see page 1 paragraphs 3 line 1)and connected to a end node 14 in fig.6..., the end node may be used as a mobile terminal (MT, "destination mobile terminal", page 4 paragraph 41)... a mobile node ("mobile node") supported by a mobility agent ("destination access node", page 4 paragraph 43 line 1)... the interconnectivity in the network is provide through network links (" radio link", page 5 paragraph 5 line 1-9).

However, O'Neil does not explicitly disclose having an address assigner configured to assign a predetermined address area to the mobile node in accordance with an address assignment request transmitted from the mobile node, the predetermined ranges of addresses being selected from among ranges of addresses assigned to the destination access node, (**Leung discloses having a home agent ("access node") assigning a care- of- address ("address") to a mobile router (" mobile node") in accordance request for a address ("address") and the network associated with the mobile router ("mobile node") is identified by the home agent ("destination access node" column 9 line 27-67).**

However, The combination of O'Neil and Leung does not explicitly discloses having ranges of addresses,(**Hancock discloses having a range of address for a mobile node ("mobile node") and a anchor node ("destination access node" page 3 line 23-26 and page 4 line 1-24).**

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Therefore it would have been obvious to one having ordinary skill in the art at the time of the invention was made to have access node 12 ("access node") as taught by O'Neil assigning addresses to a mobile router ("mobile node".) as taught by Leung implementing a range of addresses as taught by Hancock whereby providing a system that prevent unauthorized user in the visiting network.

Allowable Subject Matter

6. Claims 1-18 are allowed.

Prior Art

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

O'Neil (US Patent 7,385,957)

Tsirtsis et al. (PG PUB 2003/0137961)

Bergenwall et al. (US Patent 6,567,664)

O.Neil (US Patent 7,339,903)

Margret (US Patent 6,856,624)

Khalil et al. (US Patent 7,110,375)

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DEWANDA SAMUEL whose telephone number is (571)270-1213. The examiner can normally be reached on Monday-Thursday 8:30-5:30 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Q. Ngo can be reached on (571) 272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ricky Ngo/
Supervisory Patent Examiner, Art
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/DeWanda Samuel/
Examiner, Art Unit 2416
4/10/2009